SARGENT & COMPANY

Hardware Manufacturers

NEW HAVEN, CONN., U. S. A.

Advances in Prices

Referring to the prices in the Sargent Plane Booklet, the many advances in materials and labor have made it necessary for us to increase our prices to the hardware trade, therefore the prices printed in the Plane Booklet are now lower than a hardware merchant can afford to sell the goods. It is advisable, therefore, for intending purchasers to consult the hardware dealer regarding prices.

SARGENT & COMPANY.

Wood Bottom and Iron

Planes

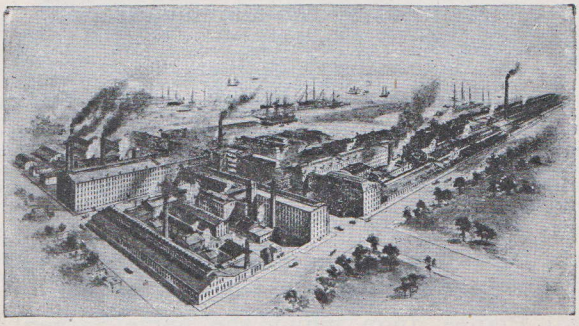
SARGENT

REG. U. S. PAT. OFF

Sargent & Company

New Haven, Conn., U. S. A.

General Offices and Factory	New Haven, Conn., U.S.A.
New York Office and Warehouse	94 Centre Street
Boston Office	112 Water Street
Chicago Office and Warehouse	220 North Michigan Ave.



GENERAL OFFICES AND FACTORY: NEW HAVEN, CONN., U. S. A.

Founded prior to 1834.

Incorporated as Sargent & Company, 1864.

Plant at present location begun in 1863.

Sargent Planes.

Guaranteed by the Manufacturers.

All tools bearing the V·B·M stamp 

are the Very Best Made and can be depended on as being made from the Very Best Tool Steel. They have justly obtained an enviable reputation for excellence of material, temper and workmanship. They are fully guaranteed, and all dealers are authorized to take back or exchange if found defective in any particular.

All Planes upon which the name Sargent appears are fully warranted.

SARGENT

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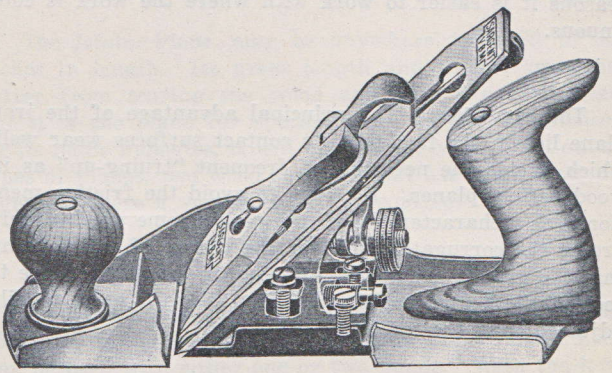


PLANE POINTERS.

THE PLANE is essentially a finishing tool and while it is adapted for use in bringing down wood surfaces to a desired thickness, owing to its construction it will produce this result gradually as compared with a hatchet or mattock. For this reason it is the **last tool** to be used in finishing a wood surface.

The two types of planes most used are **Bench** Planes and **Block** Planes. The former may be divided into two classes. Those with

A.—Wood Bottoms.
B.—Iron Bottoms.

The Wood Bottom Plane is preferred by many, owing to its comparative lightness and to the fact that in its contact with wood it creates less friction. For both reasons it is easier to work with where the work is continuous.

The Iron Plane. The principal advantage of the iron plane lies in the fact that its contact surfaces wear well, which avoids the necessity of frequent "truing-up" as in wood bottom planes. In order to avoid the friction mentioned as a characteristic of iron planes some woodworkers prefer the corrugated bottoms, the theory of which being that the grooves permit the passing of air and so serve to cool off the heated metal. The iron plane is more readily adjusted than the wood bottom plane.

The Smooth Plane, in length not more than 12 inches, is adapted for finishing off an uneven surface. Owing to its small size it will find its way into minor depressions of the wood without taking off much material. In this it differs from the Jointer Plane, which is primarily for use on large areas. Both types of planes are finishing planes, but, of the two, the Jointer is for finer work.

The Jack Plane (14 or 15 inches in length) is for coarse work and is to be used either on rough surfaces or where a considerable chip is to be taken off. It is long and heavy enough to make it a powerful tool.

The Fore Plane is for the same purpose as the Jointer in fine finishing. Owing to the fact that it is shorter (length 18 inches) than the Jointer it is easier to handle, especially for a journeyman carpenter. It may be used also as a Jack Plane. Where a carpenter has not both a

Jack and a Jointer he can make a Fore Plane serve for both, although it will not give as good service as either of the other two in the work for which they are adapted.

The Jointer Plane may be anywhere from 20 to 30 inches in length. Its great length and weight keep the cutter from tearing the wood and with the cutter set fine it is the plane for obtaining the smoothest finishes. As its name indicates, it will take down, better than other types of planes, two wood surfaces that are to be brought together where a very close fit is required.

The Block Plane—usually 7 inches or less—is for end work. It is built to hold in the palm of the hand and may be used with either one or two hands. With the low angle block plane, because the cutter is set very low, a sheering cut is secured, which makes its use desirable in cross-grained wood, as the cutter is not as apt to follow and split the grain.

Your attention is called to the finish on **Sargent Iron Bench Planes.** Compare it with other makes and notice:

1. The improved effect of the red handle and knob which makes a handsome contrast with the polished and japanned surfaces.
2. The high luster of polished surfaces.
3. The careful fit of each and every part.
4. The smoothness of the japanning.

On **Sargent** wood bottom planes observe that:

1. The bottom surface is highly finished.
2. The wood is thoroughly seasoned and quarter-sawed.
3. The frog is set into the iron framework with machine screws. These will not work loose.

On **Sargent** Block Planes with the adjustable mouth feature note the positive movement of the throat-piece, which is locked in position by the thumb-screw. Compare the facility of the adjustment with that of other makes. Note the strong construction of the clamp, especially of the Knuckle Joint Planes, 4306, 4307, 5306 and 5307. Here the clamp is of **wrought steel** and so **positively cannot** break.

Sargent Miscellaneous Planes embody many improved **features** of design and adjustment.

Sargent V·B·M Bench Planes.

The heavy Cutter (No. 12 gauge) offsets the tendency found in a Spring Cap Plane to vibrate when used on cross-grained wood. The additional weight avoids chattering. The large opening or eye in the cutter slot is at the far end, removed from the cutting edge, avoiding any tendency to move the cap over the edge in adjusting.

The steel Cap, adjusted with a screw to the Cutter in the usual manner, is held firmly against the Cutter by depressing the Cam Thumb-Piece on the Clamp. If the Clamp does not bear with sufficient pressure against the Cap to hold the Cutter firmly, the Clamp Screw should be tightened before the pressure is applied. Chattering is avoided by having the foot of the Clamp bear firmly upon the arch of the Cap, holding the cutting edge of the Cutter rigidly against the Frog.

To adjust the thickness of the shaving, turn the Thumb-Nut acting through the Forked-Lever upon the Cap and the Cutter.

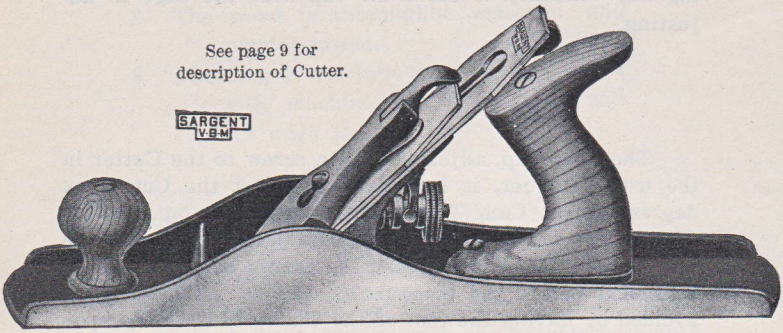
Should the Cutter when clamped down not be exactly true with the face of the Plane, the cutting edge may be accurately adjusted by the Lateral Adjustment, which communicates a motion (sideways) to the Cutter. This Adjustment is blanked out of a single piece of cold rolled steel.

SARGENT
V·B·M

Adjustable Iron Bench Planes.

Patented February 3, 1891.

See page 9 for description of Cutter.



Polished Trimmings, East India Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Smooth Planes.

No. **407,**	Smooth Plane,	7	Inches,	1⅝	Inch	Cutter		each,	$1	85
No. **408,**	"	"	8	"	1¾	"	"	"	2	00
No. **409,**	"	"	9	"	2	"	"	"	2	20
No. **410,**	"	"	10	"	2⅜	"	"	"	2	45

Jack, Fore and Jointer Planes.

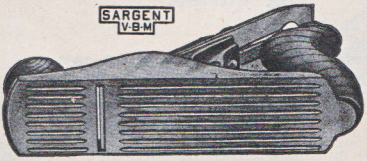
No. **414,**	Jack Plane,	14	Inches,	2	Inch	Cutter		each,	$2	45
No. **415,**	"	"	15	"	2¼	"	"	"	2	75
No. **418,**	Fore	"	18	"	2⅜	"	"	"	3	10
No. **422,**	Jointer	"	22	"	2⅜	"	"	"	3	60
No. **424,**	"	"	24	"	2⅝	"	"	"	4	30

SARGENT
V·B·M

Adjustable Iron Bench Planes.

Patented February 3, 1891.

With Corrugated Bottom.



These Planes are the same as shown on preceding page but with Corrugated Bottom.

Polished Trimmings, East India Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Smooth Planes.

No. **407 C,**	Smooth Plane,	7 Inches,	$1\frac{5}{8}$	Inch Cutter		each,	$1 85
No. **408 C,**	"	" 8 "	$1\frac{3}{4}$	"	"	"	2 00
No. **409 C,**	"	" 9 "	2	"	"	"	2 20
No. **410 C,**	"	" 10 "	$2\frac{3}{8}$	"	"	"	2 45

Jack, Fore and Jointer Planes.

No. **414 C,**	Jack Plane,	14 Inches,	2	Inch Cutter		each,	$2 45
No. **415 C,**	"	" 15 "	$2\frac{1}{4}$	"	"	"	2 75
No. **418 C,**	Fore "	18 "	$2\frac{3}{8}$	"	"	"	3 10
No. **422 C,**	Jointer "	22 "	$2\frac{3}{8}$	"	"	"	3 60
No. **424 C,**	"	" 24 "	$2\frac{5}{8}$	"	"	"	4 30

SARGENT
V·B·M

Adjustable Iron Bench Planes.

With Patent Frog—Adjustable without removing cutter.

Patented February 3, 1891 and July 3, 1906.

Heavy Cutter.

The heavy cutter, (No. 12 Gauge) offsets the tendency found in a spring cap plane to vibrate when being used on cross-grained wood. The additional weight avoids chattering. The large opening in the cutter slot is away from the cutting edge, avoiding any tendency to move the cap over the edge in adjusting.

Frog Adjustment.

Fine work requires a very narrow opening between the front of the mouth and the cutting edge of the cutter. *Coarse work* requires support close to the cutting edge of the cutter to prevent chattering. By this improved construction, *the frog with the cutter still clamped in position* on it may be *adjusted* forward *for fine work* or backward for *coarse work* and at all times it is so supported as to prevent chattering. The Frog is moved forward or backward on a line parallel with the base so that no adjustment of the Cutter is required after the Frog adjustment has been made.

The Clamp and Cutter may be left fastened to the Frog while the adjustment is being made.

Solid—Rigid—Firm.

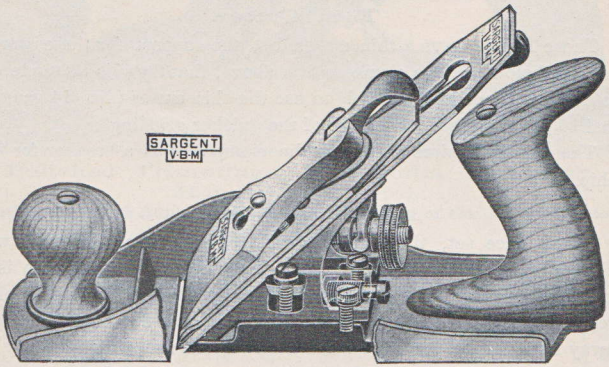
These Planes have the double seat, giving two points of contact of the bottom of the Frog with the Bed or Bottom of Plane. At these points both the Frog and the Bed are profiled or milled, insuring accuracy of fit and a solid, firm seating of the Frog on the Bed.

SARGENT
V·B·M

Adjustable Iron Bench Planes.

With Patent Frog—Adjustable without removing cutter.

Patented February 3, 1891 and July 3, 1906.



The above cut shows in section the Improved Iron Bench Plane, and gives the position of the parts.

Polished Trimmings, East India Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Smooth Planes.

Smooth Bottom Nos.	Corrugated Bottom Nos.							
7,	7C,	Smooth,	7 Inches,	1 5/8	Inch Cutter	each,	$2	00
8,	8C,	"	8 "	1 3/4	" "	"	2	20
9,	9C,	"	9 "	2	" "	"	2	35
10,	10C,	"	10 "	2 3/8	" "	"	2	85

Jack, Fore and Jointer Planes.

14,	14C,	Jack,	14 Inches,	2	Inch Cutter	each,	$2	85
15,	15C,	"	15 "	2 1/4	" "	"	3	00
18,	18C,	Fore,	18 "	2 3/8	" "	"	3	45
22,	22C,	Jointer,	22 "	2 3/8	" "	"	3	95
24,	24C,	"	24 "	2 5/8	" "	"	4	75

SARGENT
V·B·M

Adjustable Iron Bench Planes.

Patented January 12, 1915.

These Planes have the superior features described below:

Thin Cutter.

These Planes have a thin cutter, but the support for the cutter is so solid below and the clamp so firm above, that there is no tendency to chatter, hence it is possible to use the thin cutter (No. 14 gauge), and so get the slight advantage of the quicker grinding.

The Cutter requires no cap as the clamp acts as a breaker for the chip.

Automatic Set.

When once set, the clamp, when replaced after removal, will always return to its original position until reset. This feature is a great time saver. The clamp may be easily adjusted, by means of a regulating screw, close to the cutting edge when a fine cut is required, away from the cutting edge when a coarse cut is desired and may be set in as many intermediate positions as may be needed.

Rigidity.

The Frog is very rigid and the Frog and Bed at the mouth are in alignment so that the Cutter has an even bearing down to the bevel of the Cutter. The Plane combines solidity, compactness and simplicity. The meeting surfaces of the Frog and Bed are all machined so that the fit is absolute.

Ease of Adjustment.

The lateral adjustment may be secured without removing the hand from the handle and the vertical adjustment, obtained through a direct acting thumb screw at the back of the Cutter, is positive and rapid.

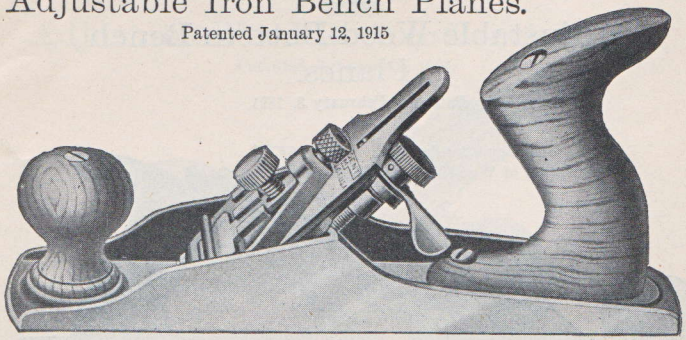
Purpose.

The Plane is intended for both heavy and very fine cuts. It is especially adapted for working against the grain on cross-grained hard wood where the absolute rigidity of the cutter avoids any tendency to chatter.

SARGENT
A·B·M

Adjustable Iron Bench Planes.

Patented January 12, 1915



Polished Trimmings, East India Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Smooth Bottom.

No. **707,**	Smooth Planes,	7	Inches,	$1\frac{5}{8}$	Inch Cutter .	each,	$2 00
No. **708,**	" "	8	"	$1\frac{3}{4}$	" " . . "		2 20
No. **710,**	" "	10	"	2	" " . "		2 40
No. **714,**	Jack "	14	"	2	" " . . "		3 00
No. **718,**	Fore "	18	"	$2\frac{3}{8}$	" " . "		3 65
No. **722,**	Jointer "	22	"	$2\frac{3}{8}$	" " . . "		4 15

Corrugated Bottom.

No. **707 C,**	Smooth Planes,	7	Inches,	$1\frac{5}{8}$	Inch Cutter .	each,	$2 00
No. **708 C,**	" "	8	"	$1\frac{3}{4}$	" " . . "		2 20
No. **710 C,**	" "	10	"	2	" " . "		2 40
No. **714 C,**	Jack "	14	"	2	" " . . "		3 00
No. **718 C,**	Fore "	18	"	$2\frac{3}{8}$	" " . "		3 65
No. **722 C,**	Jointer "	22	"	$2\frac{3}{8}$	" " . . "		4 15

With Adjustable Knob. Patented August 10, 1915.

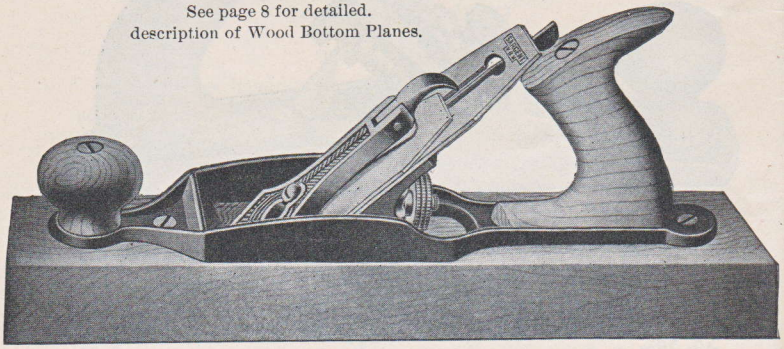
In addition to the features described on the preceding page Nos. 718, 718 C, 722 and 722 C have an adjustable Knob. This Knob is high, to give a full grip for the hand and is adjustable so that the user may regulate the position of the Knob, bringing it closer to the handle or further away, as he may prefer. This feature makes it convenient for use by carpenters with long or short arms and allows the forward hand plenty of clearance when the Plane is used close up to a projecting surface.

SARGENT
V·B·M

Adjustable Wood-Bottom Bench Planes.

Patented February 3, 1891.

See page 8 for detailed description of Wood Bottom Planes.



With Screw Adjustment.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Jack and Fore Planes.

No. **3415,**	Jack	Plane,	15	Inches,	2	Inch	Cutter	each,	$1 50
No. **3416,**	"	"	15	"	2 1/8	"	"	"	1 65
No. **3417,**	"	"	15	"	2 1/4	"	"	"	1 70
No. **3418,**	Fore	"	18	"	2 3/8	"	"	"	1 85
No. **3420,**	"	"	20	"	2 3/8	"	"	"	1 90

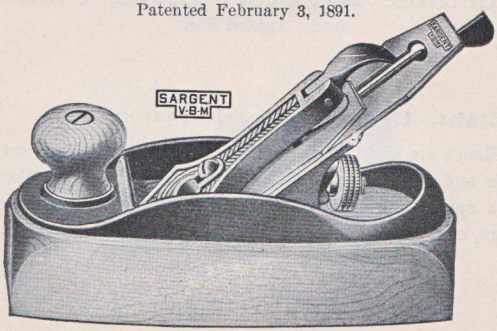
Jointer Planes.

No. **3422,**	Jointer	Plane,	22	Inches,	2 3/8	Inch	Cutter	each,	$2 00
No. **3424,**	"	"	24	"	2 3/8	"	"	"	2 10
No. **3426,**	"	"	26	"	2 5/8	"	"	"	2 20
No. **3428,**	"	"	28	"	2 5/8	"	"	"	2 30
No. **3430,**	"	"	30	"	2 5/8	"	"	"	2 40

SARGENT
V·B·M

Adjustable Wood-Bottom Bench Planes.

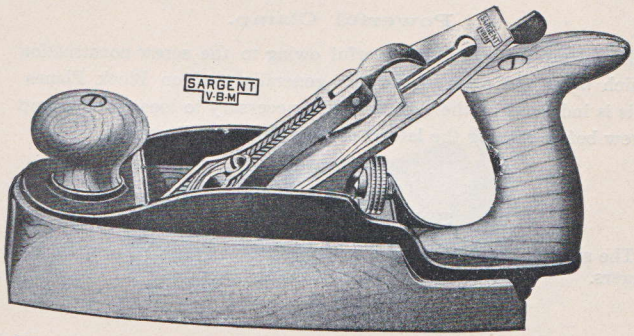
Patented February 3, 1891.



Smooth Planes. With Screw Adjustment.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. **3407,**	7 Inches,	1¾	Inch Cutter	each,	$1	30
No. **3408,**	8 "	1¾	" "	"	1	35
No. **3409,**	9 "	1¾	" "	"	1	40
No. **3410,**	8 "	2	" "	"	1	40



Handled Smooth Planes. Screw Adjustment.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. **3411,**	Handled, 9 Inches,	2	Inch Cutter . . .	each,	$1	65
No. **3412,**	" 10 "	2⅜	" " . . .	"	1	85

SARGENT
V·B·M

Adjustable All-Steel Block Planes.

Patent Applied For.

Light, Unbreakable, Indestructible.

These Planes are light, unbreakable and indestructible; owing to their shape and size they may be readily carried in the pocket of a carpenter's apron; they are particularly desirable for use in work on scaffoldings, etc. No. 2204 is especially suitable for pattern-makers use.

Substantial, Serviceable, Handy.

Mechanics will find them substantial, serviceable and handy; they are also particularly suitable for amateur work at home. The Sargent V·B·M stamp is an indication of their high grade and superior quality.

Powerful Clamp.

The clamp is especially powerful owing to the screw construction which takes the place of the cam generally used on Block Planes This is indicated by the fact that it is necessary to loosen the clamp screw before making the lateral or up and down adjustment.

Side Adjustment.

The side adjustment may be made by moving the Cutter with the fingers.

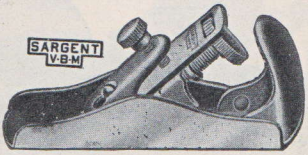
Rapid Up and Down Adjustment.

Rapid up and down adjustment obtained by the screw in the rear. On Nos. 4206 and 5206 the head of this screw is made so as to serve as a handle.

SARGENT
V·B·M

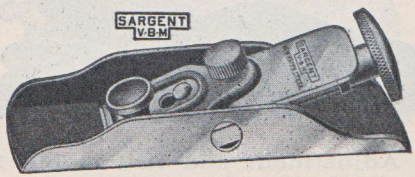
Adjustable All-Steel Block Planes.

Patent Applied For.



With Screw Adjustment.

No. **2204,** Pocket Planes, Highly Polished, 4¼ Inches,
1⅛ Inch Cutter . . . . . each, $0 55



Low Angle. With Screw Adjustment.

No. **4206,** Highly Polished, 6 Inches, 1⅝ In. Cutter each, $1 00
No. **5206,** Nickel-Plated, 6 " 1⅝ " " " 1 05

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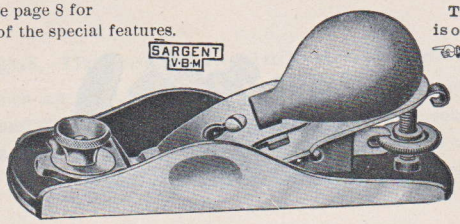
V·B·M

Adjustable Iron Block Planes.

Patented March 21, 1893, July 6, 1897 and April 24, 1906.

See page 8 for description of the special features.

This Clamp is of Wrought Steel

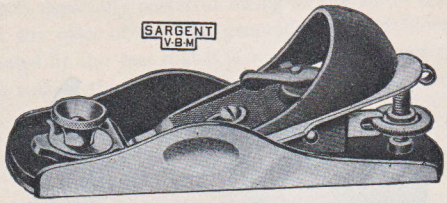


Knuckle Joint.

Screw Adjustment and Adjustable Mouth.

Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

				Each
No. **4306,**	Highly Polished Trimmings,	6 Inches,	1⅝ In. Cutter,	$1 05
No. **4307,**	" " "	7 "	1⅝ " "	1 10
No. **5306,**	Nickel-Plated "	6 "	1⅝ " "	1 25
No. **5307,**	" " "	7 "	1⅝ " "	1 30



Screw Adjustment and Adjustable Mouth.

Patent Side Adjustment for exact adiusting of the Cutter with the face of the Plane.

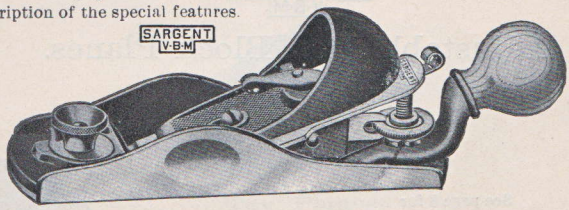
				Each
No. **306,**	Highly Polished Trimmings,	6 Inches,	1⅝ In. Cutter,	$1 05
No. **307,**	" " "	7 "	1⅝ " "	1 10
No. **1306,**	Nickel-Plated "	6 "	1⅝ " "	1 15
No. **1307,**	" " "	7 "	1⅝ " "	1 25

SARGENT
V·B·M

Adjustable Iron Block Planes.

Patented March 21, 1893, July 6, 1897 and April 24, 1906.

See page 8 for description of the special features.

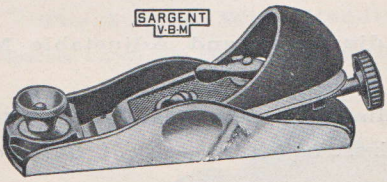


With East India Mahogany Handle.

Screw Adjustment and Adjustable Mouth.

Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

					Each
No. **316,**	Highly Polished Trimmings,	6 Inches,	$1\frac{5}{8}$ In.	Cutter,	$1 25
No. **317,**	" " "	7 "	$1\frac{5}{8}$ "	"	1 30
No. **1316,**	Nickel-Plated "	6 "	$1\frac{5}{8}$ "	"	1 30
No. **1317,**	" " "	7 "	$1\frac{5}{8}$ "	"	1 35



Low Angle.

Screw Adjustment and Adjustable Mouth.

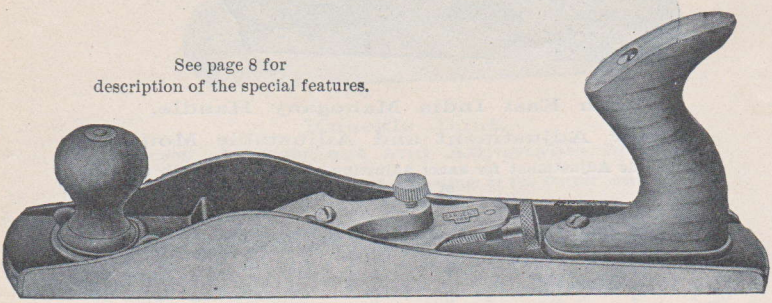
					Each
No. **606,**	Highly Polished Trimmings,	6 Inches,	$1\frac{3}{8}$ In.	Cutter,	$1 10
No. **607,**	" " "	7 "	$1\frac{5}{8}$ "	"	1 20
No. **1606,**	Nickel-Plated "	6 "	$1\frac{3}{8}$ "	"	1 25
No. **1607,**	" " "	7 "	$1\frac{5}{8}$ "	"	1 35

SARGENT
V·B·M

Adjustable Iron Block Planes.

Low Angle.

See page 8 for
description of the special features.



Screw Adjustment and Adjustable Mouth.

Polished Trimmings.
East India Mahogany Handle and Knob.

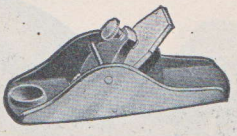
No. **514,** 14 Inches, 2 Inch Cutter . . . . . each, $2 85

This Plane is especially intended for cutting across the grain, the Cutter being set very low.

It is a heavy Plane, making it desirable for use on knurly cross-grained wood where the ordinary Block Plane would be too light. The bearing surface for the Cutter is arranged so that the Cutter may be swung easily from side to side, in case the cutting edge is not ground exactly true with the bottom.

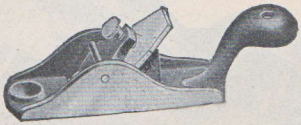
SARGENT

Adjustable Iron Planes.



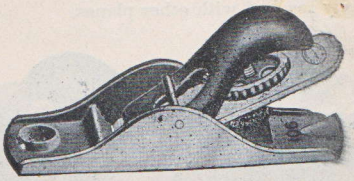
Toy Planes.

No. **104,** Japanned Finish, 3½ Inches, 1 Inch Cutter each, $0 17



Toy Planes, With Handle.

No. **105,** Japanned Finish, 3½ Inches, 1 Inch Cutter each, $0 22

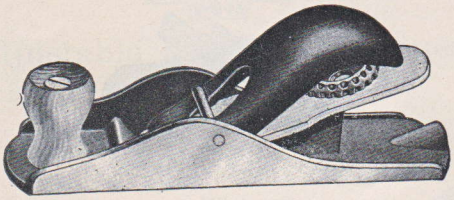


Block Planes.

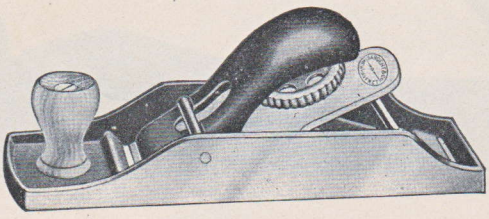
No. **106,** Japanned Finish, 5½ Inches, 1⅜ Inch Cutter, each, $0 40

SARGENT

Adjustable Iron Block Planes.



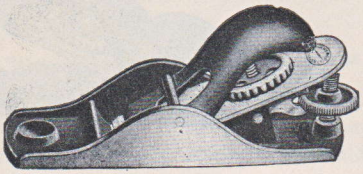
No. **107,** Japanned Finish, 7½ Inches, 1⅝ Inch Cutter, each, $0 50



Double.

No. **227,** Japanned Finish, 7¾ Inches, 1⅝ Inch Cutter, each, $0 70

The Cutter can be reversed for planing in close corners or elsewhere not easily reached with other planes.



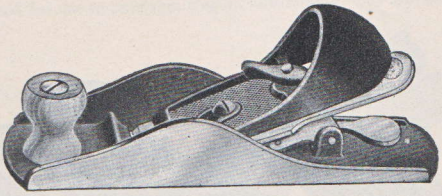
With Screw Adjustment.

No. **206,** Japanned Finish, 5½ Inches, 1⅜ Inch Cutter, each, $0 50

SARGENT

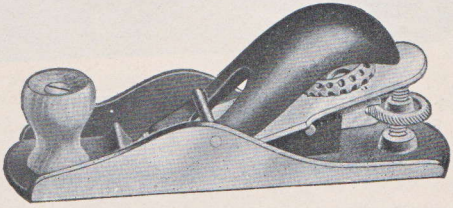
Adjustable Iron Block Planes.

Patented March 21, 1893.



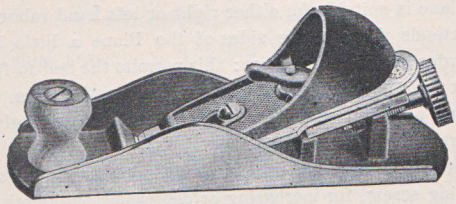
With Lever Adjustment.

No. **207,** Japanned Finish, 7½ Inches, 1⅝ Inch Cutter, each, $0 65



With Screw Adjustment.

No. **208,** Japanned Finish, 7½ Inches, 1⅝ Inch Cutter, each, $0 65

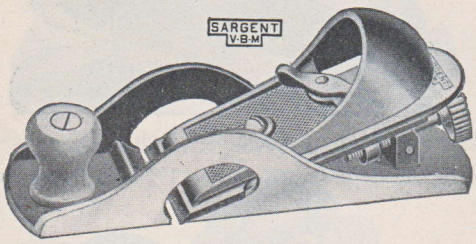


With Screw Adjustment.

No. **217,** Japanned Finish, 7½ Inches, 1⅝ Inch Cutter, each, $0 70

SARGENT
V·B·M

Adjustable Iron Rabbet Planes.



With Screw Adjustment.
East India Mahogany Knob.

	Each
No. **507,** Nickel-Plated Trimmings, 7 Inches, 1⅞ In. Cutter,	$1 15

This Plane is suitable for either right or left hand rabbeting. The Cutter extends through the sides of the Plane a little beyond the sides in order to give a clearance: this permits the bed to follow along in the cut made by the bit without jamming on the sides. The sides are built up higher than on the ordinary Block Plane to give strength to counteract the side openings.

The Cutter has a quick up and down adjustment, regulated by a direct-acting screw, for increasing or decreasing the depth of the cut.

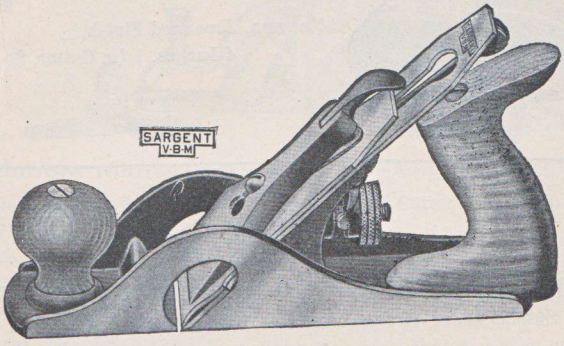
This Plane is a very useful tool, it may be used as a regular Block Plane in addition to having the rabbeting feature.

SARGENT
V·B·M

Adjustable Iron Rabbet Planes.

Patented February 3, 1891.

Especially adapted for use in carriage, wagon, automobile body and ship work.



East India Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Smooth Bottom.

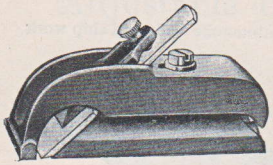
No. **29,** Polished Trimmings, 9 Inches, $2\frac{1}{8}$ In. Cutter each, $2 85
No. **30,** " " 13 " $2\frac{1}{8}$ " " " 3 40

Corrugated Bottom.

No. **29 C,** Polished Trimmings, 9 Inches, $2\frac{1}{8}$ In. Cutter, each, $2 85
No. **30 C,** " " 13 " $2\frac{1}{8}$ " " " 3 40

SARGENT

Adjustable Iron Bull-Nose Rabbet Planes.

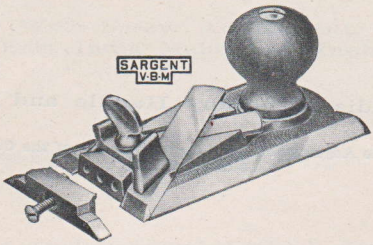


Each

No. **505,** Japanned Finish, 4 Inches, 1 In. Cutter, $0 40

SARGENT V·B·M

Adjustable Iron Side Rabbet Planes.



East India Mahogany Knob.

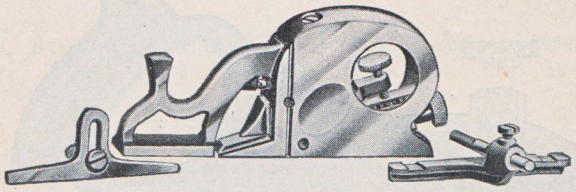
No. **81,** Nickel-plated, 4¼ Inches, Two ½ In. Cutters, each, $1 25

This is a combined right and left hand adjustable Rabbet Plane, it is a useful tool for side rabbeting and for trimming mouldings, dadoes and grooves of all kinds. By removing the mouthpiece the carpenter can work close in corners.

SARGENT
V·B·M

Adjustable Iron Bull-Nose Planes.

Patented June 23, 1911.



Rabbet Planes, without Fence and Depth Gauge.

No. **1506,**	Nickel Plated,	4	Inches,	1	Inch Cutter	.	each,	$2	20
No. **1507,**	"	"	5½	"	¾	"	"	. .	"	2	20
No. **1508,**	"	"	6½	"	1	"	"	.	"	2	65
No. **1509,**	"	"	7½	"	1¼	"	"	. .	"	3	10

These Planes are especially adapted for high grade cabinet work.

The sides and bed are at right angles, so that a perfect cut is insured. They will lie perfectly flat on either side and can be used either right or left. The width of the throat opening may be made larger or smaller as desired. The forward section of the Plane can be removed, allowing the user to get close up on the work, as there is no portion in advance of the Cutter. A direct acting screw enables the user to throw the Cutter rapidly out or in.

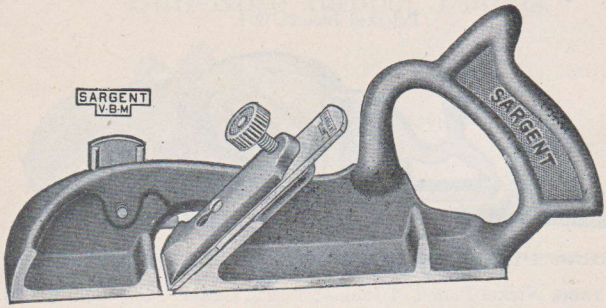
Filletster Rabbet Planes, with Fence and Depth Gauge as illustrated.

No. **1506½,**	Nickel Plated,	4	Inches,	1	Inch Cutter	.	each,	$2	50
No. **1507½,**	"	"	5½	"	¾	"	"	. .	"	2	50
No. **1508½,**	"	"	6½	"	1	"	"	.	"	3	00
No. **1509½,**	"	"	7½	"	1¼	"	"	. .	"	3	40

These Planes have the same functions as Nos. 1506 to 1509, with the addition of a Fence and Depth Gauge, which are adjustable from either right or left hand, and which may be removed in rabbet work where not required. The Fence regulates the width of the cut and the Depth Gauge the thickness.

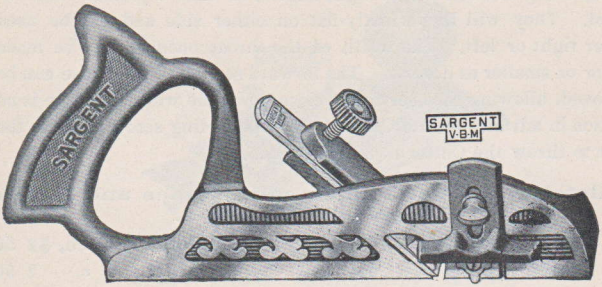
SARGENT
V·B·M

Adjustable Iron Rabbet Planes.



With Depth Gauge.

No. **186,**	Japanned	Finish,	8	Inches,	1	Inch	Cutter	each, $1 25
No. **187,**	"	"	8	"	1¼	"	"	" 1 25
No. **188,**	"	"	8	"	1½	"	"	" 1 25



With Depth Gauge and Spur.

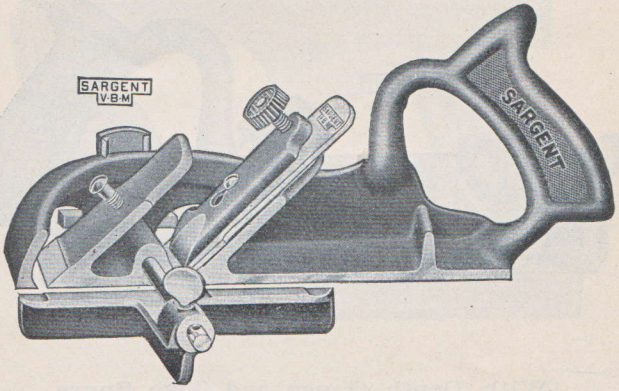
No. **196,**	Japanned	Finish,	8	Inches,	1	Inch	Cutter	each, $1 35
No. **197,**	"	"	8	"	1¼	"	"	" 1 35
No. **198,**	"	"	8	"	1½	"	"	" 1 35

The spur Cutter works ahead of the large Cutter and serves to insure an even chip.

SARGENT
V·B·M

Adjustable Iron Filletster and Rabbet Planes.

A Filletster is a Rabbet Plane Adjustable for width of cut.



With Depth Gauge and Spur and Removable Arm and Fence.

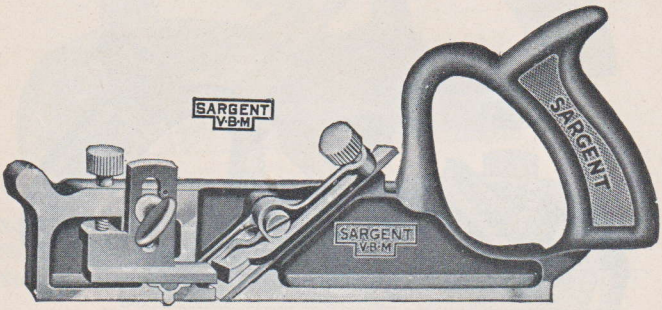
No. **79,** Japanned Finish, 8½ Inches, 1½ Inch Cutter each, $1 80

With two seats for Cutter. When Cutter is placed in the forward seat the Plane can be used as a Bull-Nose Rabbet.

The Arm and Fence can be placed on either side of the Plane, making a right or left hand Filletster.

SARGENT
V·B·M

Adjustable Iron Dado and Rabbet Planes.



With Depth Gauge and Two Spurs.

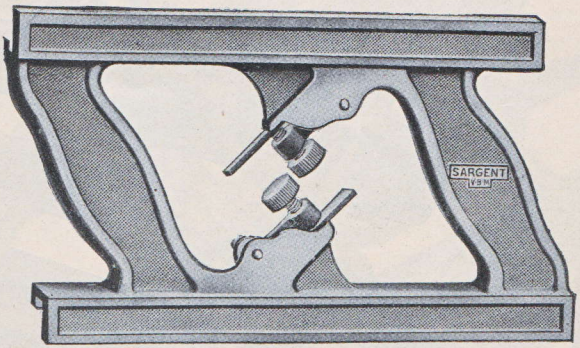
No. 32,	Japanned	Finish,	8	Inches,	1/4	Inch	Cutter	.	each,	$1 70
No. 33,	"	"	8	"	3/8	"	"	.	"	1 70
No. 34,	"	"	8	"	1/2	"	"	.	"	1 70
No. 35,	"	"	8	"	5/8	"	"	.	"	1 70
No. 36,	"	"	8	"	3/4	"	"	.	"	1 70
No. 37,	"	"	8	"	7/8	"	"	.	"	1 70
No. 38,	"	"	8	"	1	"	"	.	"	1 70

These Planes are used for cutting grooves away from the edge of a surface. As the Cutter is at an angle, the Plane in use gets a shearing cut; Spurs directly in front of the Cutter serve to cut across the grain of the wood and insure a clean cut for that reason. The depth gauge is regulated by the forward thumb-screw.

SARGENT
V·B·M

Adjustable Double Side Matching Planes.

Patented October 22, 1912



Reversible for Tonguing and Grooving.

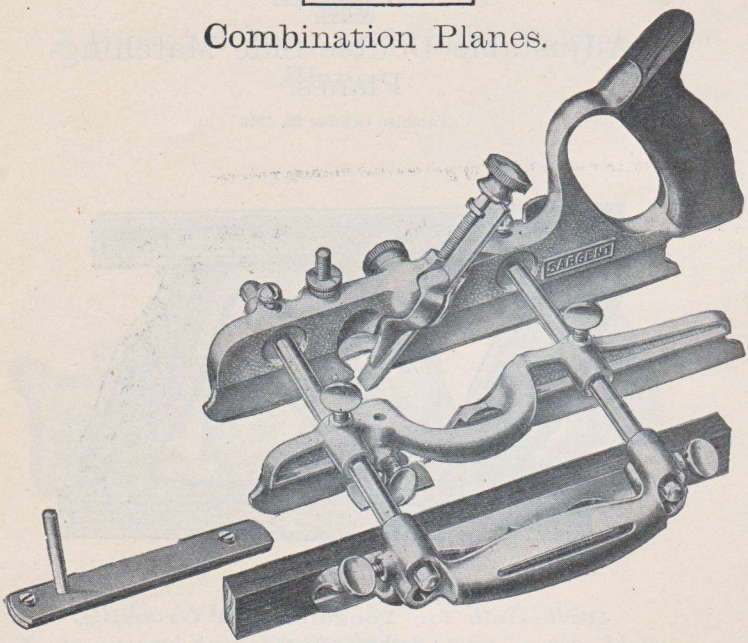
Japanned Finish.

No. **1066,**	8 7/8	Inches,	for	Matching	3/8	Inch	Board	each,	$2 10
No. **1067,**	8 7/8	"	"	"	5/8	"	"	"	2 10
No. **1068,**	8 7/8	"	"	"	7/8	"	"	"	2 10

These Planes are reversible for tonguing and grooving, and are so arranged that by turning the Plane over, the same size cut may be made on both tonguing and grooving. The Plane is designed to take up very little room in the carpenter's kit, having no unnecessary metal.

SARGENT

Combination Planes.



With Screw Adjustment.

East India Mahogany Handle and Fence Plate.

No. 1080, Nickel Plated, 10¾ Inches, complete with 25 Cutters and Wooden Box . . . . . each, $7 50

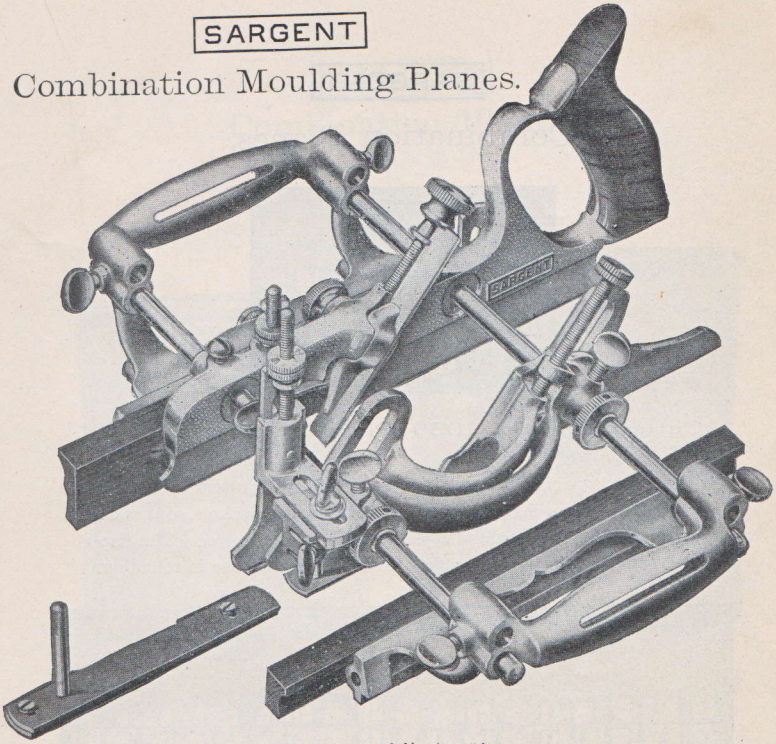
Combination Plane No. 1080 is designed for use in the following types of work: Dadoing, Rabbeting, Tonguing and Grooving, Beading, Slitting and Sash Cutting. It may also be used as a Filletster and with special Cutters as a Reeding Plane.

The canvas case containing the Cutters and the wooden box used for carrying the Plane, are illustrated on pages 36 and 37.

A detailed description and directions for using are packed with each Plane.

SARGENT

Combination Moulding Planes.



With Screw Adjustment.

East India Mahogany Handle and Fence Plates.

No. 1085, Nickel Plated, 10¾ Inches, complete with 54 Cutters and Wooden Box . . . . . each, $15 00

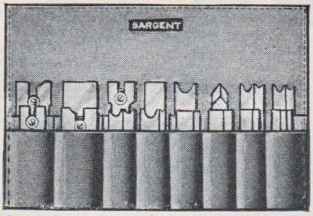
Combination Moulding Plane No. 1085 will do all the work for which No. 1080 is suitable: Dadoing, Rabbeting, Tonguing and Grooving, Beading, Slitting and Sash Cutting. It may also be used as a Filletster and as a Reeding Plane and is also adapted for Matching, making Hollows and Rounds and a variety of mouldings, including Ogee (Reverse, Roman and Grecian) and Quarter Round with Bead.

The canvas case containing the Cutters and the wooden box used for carrying the Plane, are illustrated on pages 36 and 37.

A detailed description and directions for using are packed with each Plane.

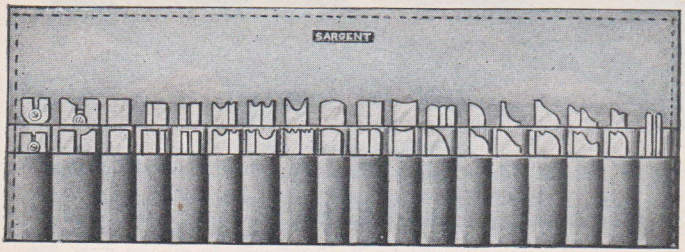
SARGENT

Combination Planes.



Cutters for No. 1080 Plane in canvas case.

No. 1080 is packed regularly with 25 different Cutters. These are packed in a canvas case arranged with a series of pockets so that each Cutter may be taken out and replaced without confusion. The flap is folded over the Cutters to protect them before the case is rolled up.



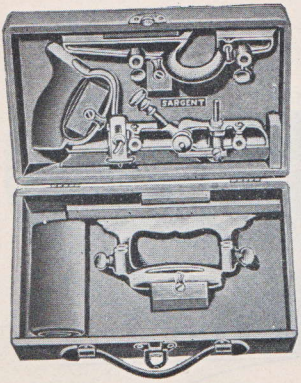
Cutters and Rods for No. 1085 Plane in canvas case.

No. 1085 is packed regularly with 54 different Cutters. These are packed in a canvas case in separate pockets, making them easy to select when required and to replace. When the case is rolled up the flap is folded over the Cutters to protect them.

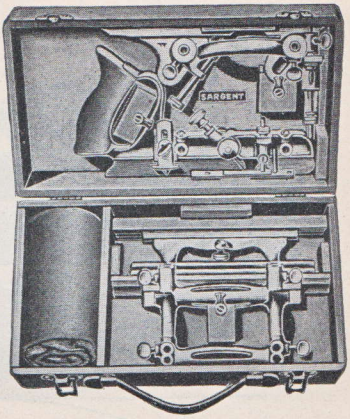
A detailed description and directions for using are packed with each Plane.

SARGENT

Combination Planes.



Plane No. 1080



Plane No. 1085

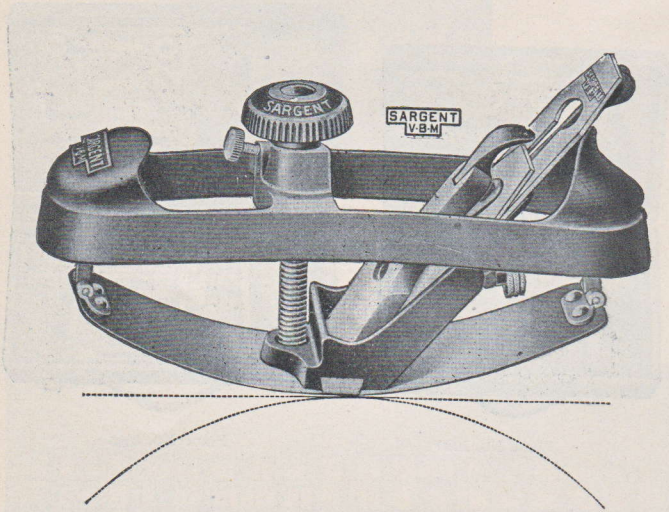
Showing the wooden boxes open and the Planes in place.

Nos. 1080 and 1085 Combination Planes are packed in handled boxes of stained hard wood, which may be used conveniently by a carpenter as a case for the tool. The fixtures are so arranged that the parts of the Plane are held firmly in position in the box, but may be removed easily as required.

SARGENT
V·B·M

Adjustable Iron Circular Planes.

Patented February 3, 1891.



This is an improved durable pattern built for strength. The flexible steel face may be adjusted to the required arc, either convex or concave, for planing curved surfaces and is accurately set and firmly held in position by the knob and set screw.

The rear of the Frog is roughly graduated so as to enable the user to judge the arc more easily.

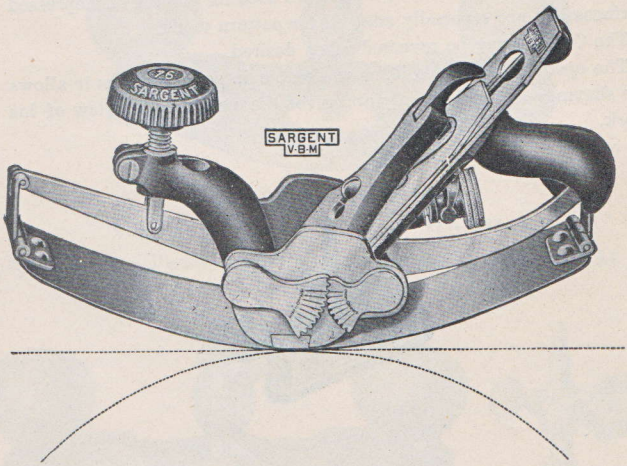
Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. **74,** Japanned, 10 Inches, 1¾ Inch Cutter . .	each,	$3	60
No. **1074,** Nickel-Plated, 10 Inches, 1¾ Inch Cutter	"	4	30

SARGENT
V·B·M

Adjustable Iron Circular Planes.

Patented February 3, 1891.



These Planes have a flexible steel face which may be adjusted by turning the knob, to plane the arc of the required circle, either convex or concave. The graduated scale on the side serves as a gauge, which enables the user to set the Plane accurately.

Patent side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. **76,** Japanned, 10 Inches, 1¾ Inch Cutter . . . each, $3 30

SARGENT

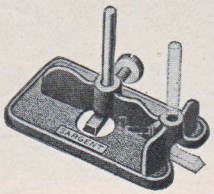
Adjustable Iron Router Planes.

Especially adapted for pattern work.

Router Planes Nos. 61, 62 and 73 are used for planing off depressed surfaces and are especially adapted for pattern work.

The Cutters may be reversed when desired.

The open throat of No. 62 is preferable in some work as it allows the shavings to clear rapidly and gives the user a better view of his work.

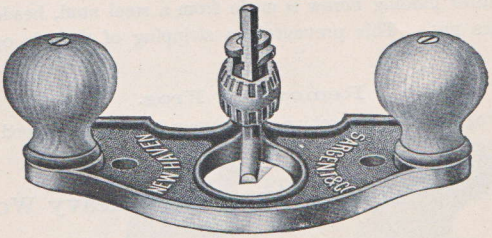


No. **73,** Nickel Plated, $3\frac{1}{8}$ Inches, $\frac{1}{4}$ Inch Cutter . each, $0 35

Adjustable Iron Router Plane No. 73 may be used on very narrow work because of the small size of the Cutter. It is so constructed that the Cutter and the Clamp Screw may be removed to the end of the Plane, where the space will not permit the Plane to be used otherwise. The Clamp Screw has a slot, so that it may be adjusted by a screw driver. The lightness and compactness of the Plane make it especially useful. It may be used as a Depth Gauge by reversing the Cutter.

SARGENT

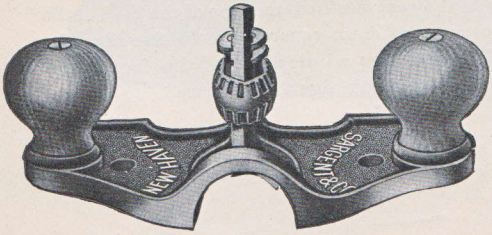
Adjustable Iron Router Planes.

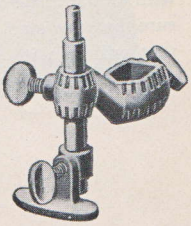


Screw Adjustment.

Closed Throat, Wood Handles.

No. **61,** Nickel-Plated, with two Cutters, ¼ and ½ Inch, each, $1 50





Attachment packed with No. 62

Screw Adjustment.

Open Throat, Wood Handles.

No. **62,** Nickel-Plated, with two Cutters, ¼ and ½ Inch, also extra attachment for closing the throat . each, $1 85

Extra Cutters for the above Router Planes.

¼ and ½ Inch . . . . . each, $0 40

SARGENT
V·B·M

Adjustable Iron Scraper Planes.

Cutter Binding Screw.

The Cutter Binding Screw is made from a steel stud, headed over in a brass nut. This prevents the stripping of threads on brass screws.

Removable Frog.

The Frog, held by a machine screw, may be easily replaced in case of breakage.

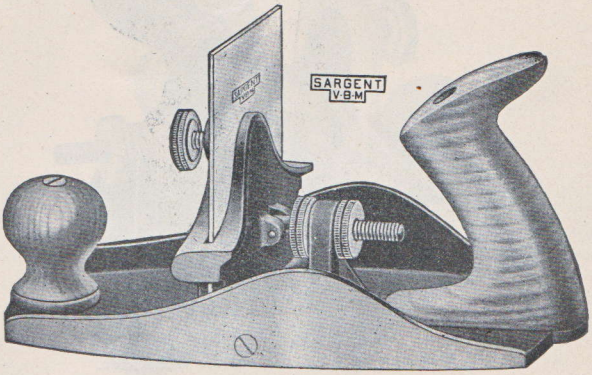
To Sharpen Scraper Blades for Heavy Work.

File Cutter to a keen edge removing wire edge with a coarse medium oil stone. Holding burnisher in both hands turn the edge. Begin with light pressure and hold the steel at nearly the same angle as the file was held in filing. Bear on harder for each successive stroke, and letthe tool come a little nearer level each time, finishing with tool at angle of about 60 degrees from the face of the blade. Be sure that the steel never comes down squarely on the fine edge, for that will ruin it. Keep the edge a little ahead of the face of the Cutter. The object is to get a hook edge that is sharp.

The Scraper Blade for very smooth work may be used with no bevel, and in this case it should be sharpened on the end in such a way that the two edges are kept keen.

SARGENT
V·B·M

Adjustable Iron Scraper Planes.



East India Mahogany Handle and Knob.

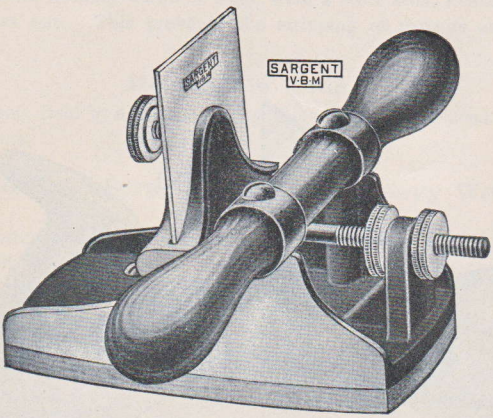
No. **57,** Polished Trimmings, 9 Inches, 2½ Inch Cutter, each, $2 20
No. **59,** " " 9 " 3 " " " 2 30

Extra Cutters for the above Planes.

2½ and 3 Inch . . . . . each, $0 35

SARGENT
V·B·M

Adjustable Iron Scraper Planes.



No. 43
No. 42 is same as No. 43 without the Wood Face.

These Planes are especially suitable for scraping veneers and finishing cabinet and other fine work. They may also be used for removing old paint and glue.

Double East India Mahogany Handle.

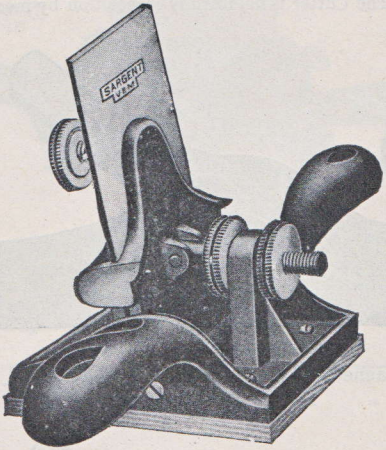
No. **42,** Polished Trimmings, 3 Inch Cutter . . . . each, $2 30
No. **43,** " " Wood Face, 3 Inch Cutter " 3 30

The Wood Face Plane is particularly adapted for Stair Makers' and Floor Finishers' use.

Extra Cutters for the above Planes, 3 Inch . . . . each, $0 35
Wood Bottoms for Planes No. 43 . . . . . " 1 50

SARGENT
V·B·M

Adjustable Iron Scraper Planes.



Raised Handles.

No. 53, Japanned, Beech-Wood Face, 3½ Inches,
2½ Inch Cutter . . . . . each, $1 90

This is a light floor or veneer scraper which has a wood face to lessen friction. Suitable for finishing cabinet and other fine work, also for removing old paint and glue.

The Cutter is adjustable at any angle desired.

Extra Cutters for the above Planes.

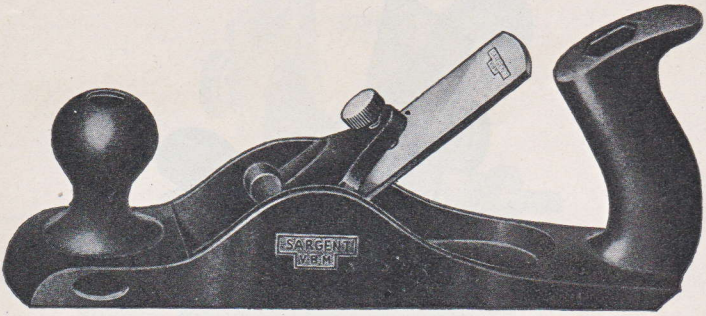
2½ Inch . . . . . each, $0 35

SARGENT
V·B·M

Adjustable Iron Roughing Planes.

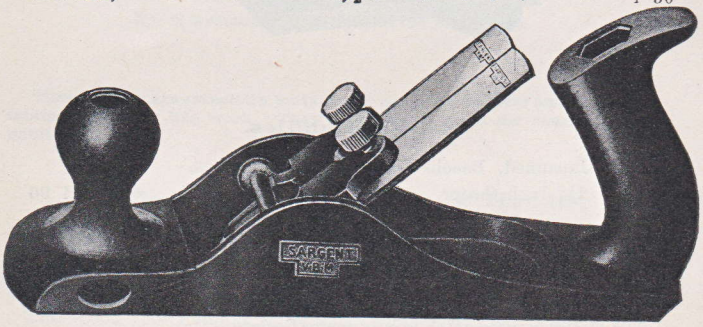
Patented September 22, 1914.

Roughing Planes are especially adapted for use on rough lumber. Owing to the curve of the Cutter it will take off material very rapidly. The body of the Plane is made of one solid casting, including the handle and knob. The Cutter is held firmly in position by means of a clamp.



Screw Adjustment for Cutters.

No. **160,** Japanned, 10 Inches, 1 Inch Cutter . . . each, $1 15
No. **161,** " 11 " 1½ " " . . . " 1 30



Screw Adjustment for Cutters.

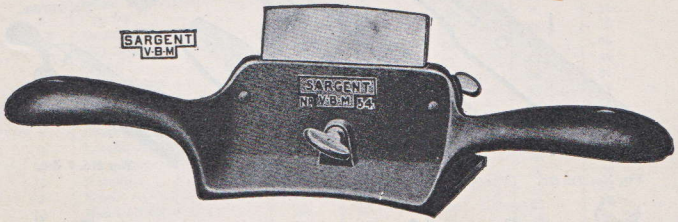
No. **162,** Japanned, 11 Inches, Two 1 Inch Cutters . each, $1 65

No. 162 Roughing Plane differs from Nos. 160 and 161 in having two 1 inch Cutters placed side by side and is especially designed for wide work. The two Cutters give two points of contact on the work and faster results are obtained than with the single Cutter.

SARGENT
V·B·M

Handled Cabinet Scrapers.

By means of the Cutter Binding Screw the Cutter may be slightly curved in order to make it more effective on cross-grained work.



Raised Handles.

No. **54**, Japanned, 11 Inches, $2\frac{3}{4}$ Inch Cutter . . . each, $1 00

Extra Cutters, $2\frac{3}{4}$ Inch . . . . . each, 30

SARGENT

Adjustable Box Scrapers.

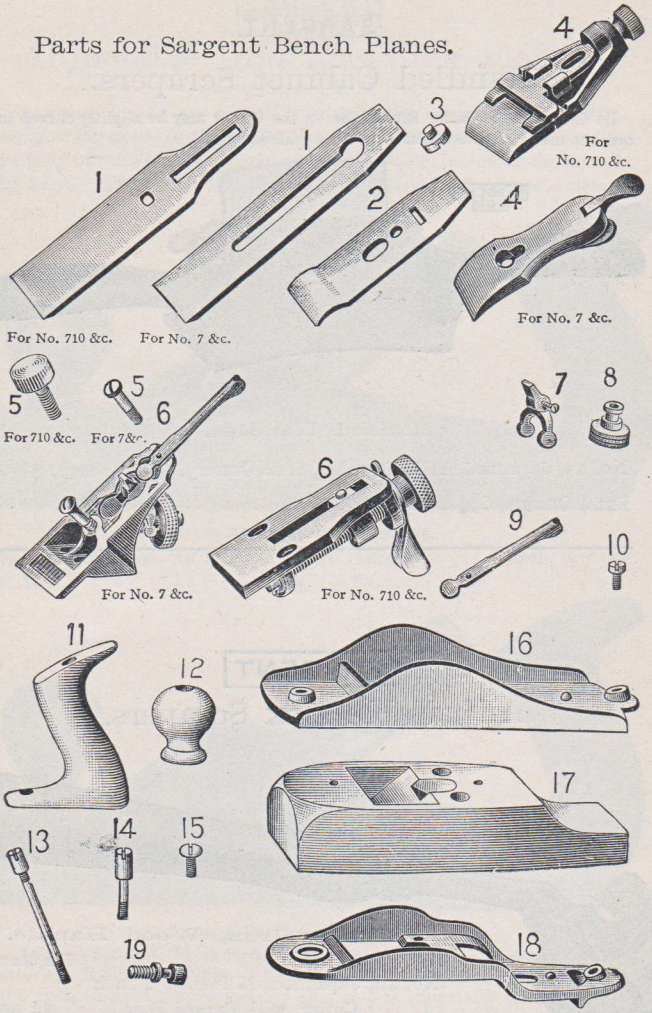
Malleable Iron, Wood Handle.

Per dozen

No. **50**, Japanned, 13 Inches, 2 Inch Cutter, with Curved Face . . $6 00

Extra Cutters, 2 Inch . . . . . each, 20

Parts for Sargent Bench Planes.



For names of the Parts with prices see the following pages.

Parts for Iron Bench Planes.

For Illustrations see preceding page.

Prices are per single piece.

Number of the Part	For Planes Nos. ☞	7, 7C 407 407C	8, 8C 9, 9C 408, 408C 409, 409C	10, 10C 14, 14C 410 410C 414, 414C	15, 15C 415 415C	18, 18C 418 418C
1	Single Steel Cutter	$0 33	40	45	45	45
2	Cap for " "	22	25	30	30	30
1 & 2	Double " "	55	65	75	75	75
3	Cap Screw	08	08	08	08	08
4	Clamp	40	40	40	40	40
5	Clamp Screw	06	06	06	06	06
6	Frog Complete	55	55	55	55	55
7	Fork Adjustment	15	15	15	15	15
8	Brass Adjusting Nut	18	18	18	18	18
9	Lateral Adjustment	15	15	15	15	15
10	Frog Screw	06	06	06	06	06
11	Handle	30	30	30	30	30
12	Knob	23	23	23	23	23
13	Handle Bolt	20	20	20	20	20
14	Knob "	20	20	20	20	20
15	Handle Screw	..	..	06	06	06
16	Bottom	1 35	1 60	1 90	2 25	2 65
19	Adjusting Screw	06	06	06	06	06
20	Double Steel Cutter, with Cap Screw (Parts 1,2 & 3)	63	73	83	83	83

Number of the Part	For Planes Nos. ☞	22, 22C 422 422C	24, 24C 424 424C	707, 707C 708, 708C 710, 710C	714 714C	718, 718C 722, 722C
1	Single Steel Cutter	45	50	45	56	68
2	Cap for " "	30	30	..	..	..
1 & 2	Double " "	75	80	..	..	..
3	Cap Screw	08	08	..	..	..
4	Clamp	40	40	40	50	60
5	Clamp Screw	06	06	06	08	09
6	Frog Complete	55	55	55	69	83
7	Fork Adjustment	15	15	..	..	..
8	Brass Adjusting Nut	18	18	..	..	..
9	Lateral Adjustment	15	15	..	..	..
10	Frog Screw	06	06	06	08	09
11	Handle	30	30	30	38	45
12	Knob	23	23	23	29	35
13	Handle Bolt	20	20	20	25	30
14	Knob "	20	20	20	25	30
15	Handle Screw	06	06	06	08	09
16	Bottom	3 70	4 50	1 90	2 40	2 85
19	Adjusting Screw	06	06	..	..	..
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 & 3	83	83	..	..	..

In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

Parts for Sargent Bench Planes.

For Wood-Bottom Planes.

For Illustrations see page 40.

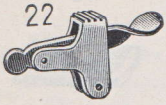
Prices are per single piece.

Number of the Part	For Planes Nos. ☞	3407 3408 3409	3410	3411	3412	3415
1	Single Steel Cutter	$0 35	40	40	45	40
2	Cap for " "	25	25	25	30	25
1 & 2	Double " "	60	65	65	75	65
3	Cap Screw	08	08	08	08	08
4	Clamp	33	33	33	33	33
5	Clamp Screw	06	06	06	06	06
6	Frog Complete	50	50	50	50	50
7	Fork Adjustment	15	15	15	15	15
8	Brass Adjusting Nut	18	18	18	18	18
9	Lateral Adjustment	15	15	15	15	15
10	Frog Screw	06	06	06	06	06
11	Handle	..	..	20	20	20
12	Knob	18	18	18	18	18
13	Handle Bolt	..	..	20	20	20
14	Knob "	20	20	20	20	20
17	Bottom	65	65	65	80	80
18	Top Casting	33	33	33	33	33
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 & 3)	68	73	73	88	73

Number of the Part	For Planes Nos. ☞	3416 3417	3418 34.0	3422 3424	3426 3428	3430
1	Single Steel Cutter	$0 45	45	45	50	50
2	Cap for " "	30	30	30	30	30
1 & 2	Double " "	75	75	75	80	80
3	Cap Screw	08	08	08	08	08
4	Clamp	33	33	33	33	33
5	Clamp Screw	06	06	06	06	06
6	Frog Complete	50	50	50	50	50
7	Fork Adjustment	15	15	15	15	15
8	Brass Adjusting Nut	18	18	18	18	18
9	Lateral Adjustment	15	15	15	15	15
10	Frog Screw	06	06	06	06	06
11	Handle	20	20	20	20	20
12	Knob	18	18	18	18	18
13	Handle Bolt	20	20	20	20	20
14	Knob "	20	20	20	20	20
17	Bottom	80	1 10	1 25	1 35	1 50
18	Top Casting	33	33	33	33	33
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 & 3)	83	83	83	88	88

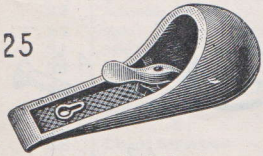
In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

Parts for Block and Miscellaneous Planes.

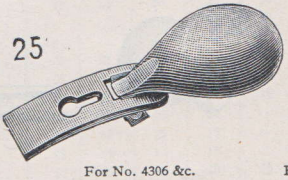


For No. 2204

For No. 4206 &c.

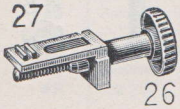


For No. 207 &c.

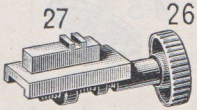


For No. 4306 &c.

For No. 2204

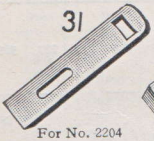


For No. 606 &c.

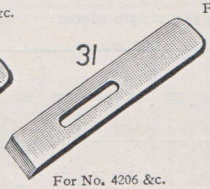


For No. 217

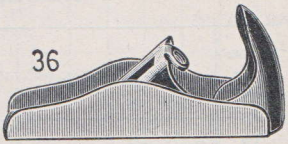
For No. 4206 &c.



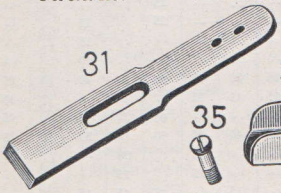
For No. 2204

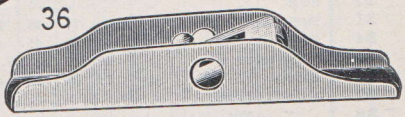


For No. 4206 &c.

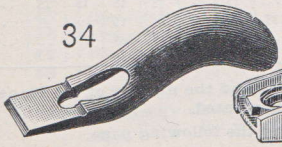


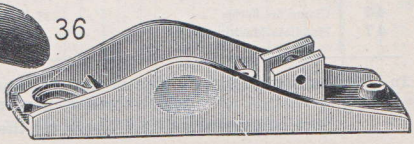
For No. 2204



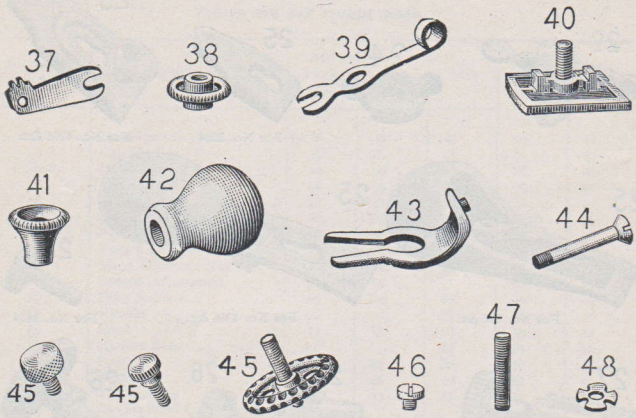


For No. 4206





Parts for Block and Miscellaneous Planes, Contd.



For No. 4206 &c.

For No. 2204

Prices are per single piece.

Number of the Part	For Planes Nos. ☞	104	105	106	107	206	207	208	217	227	505
18	Top Casting	..	..	..	..	..	..	..	..	..	25
22	Adjusting Lever	..	..	..	..	..	15	..	..	..	..
25	Clamp	..	..	..	..	..	25	..	25	..	..
26	Adjusting Screw	..	..	..	..	..	..	..	15	..	..
27	Slide	..	..	..	..	..	..	..	10	..	..
31	Steel Cutter	$0 12	12	15	20	15	20	20	20	20	15
34	Clamp	07	07	15	15	15	..	15	..	15	15
35	Clamp Screw	05	05	..	..	..	05	..	05	..	05
36	Bottom	15	20	25	40	30	50	50	50	55	25
37	Adjusting Lever	..	..	..	..	08	..	08	..	..	..
38	" Nut	..	..	..	..	15	..	15	..	..	..
41	Knob	..	..	..	15	..	15	15	15	15	..
45	Clamp Set Screw	..	..	15	15	15	..	15	..	15	..
47	Headless Machine Screw	..	..	..	..	05	..	05	..	..	..

In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

For additional prices of Parts see the following page.

Parts for Sargent Block and Miscellaneous Planes.

For Illustrations see preceding pages.
Prices are per single piece.

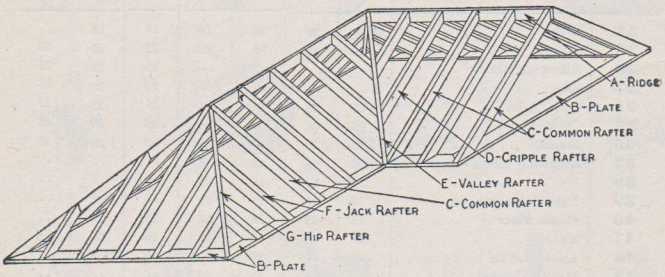
Number of the Part	For Planes Nos. ☞	306 4306	307 4307	316	317	606	607	507
24	Cam	$0 10	10	10	10	10	10	..
25	Clamp	25	25	25	25	25	25	30
26	Adjusting Screw	..	..	..	..	15	15	25
27	Slide	..	..	..	..	10	10	15
31	Steel Cutter	25	25	25	25	25	25	35
35	Clamp Screw	05	05	05	05	05	05	05
36	Bottom	1 10	1 20	1 10	1 20	1 10	1 20	1 10
37	Adjusting Lever	08	08	08	08	..	..	..
38	" Nut	15	15	15	15	..	..	..
39	Lateral Adjustment	15	15	15	15	..	..	..
40	Mouth Piece	15	15	15	15	15	15	..
41	Knob	15	15	15	15	15	15	15
42	Knob Handle	..	..	20	20	..	..	..
43	Handle Casting	..	..	15	15	..	..	..
44	" Screw	..	..	05	05	..	..	..
46	Fillister Head Screw	05	05	05	05	..	..	..
47	Headless Machine Screw	05	05	05	05	..	..	..
48	Cog Nut	..	..	05	05	..	..	..

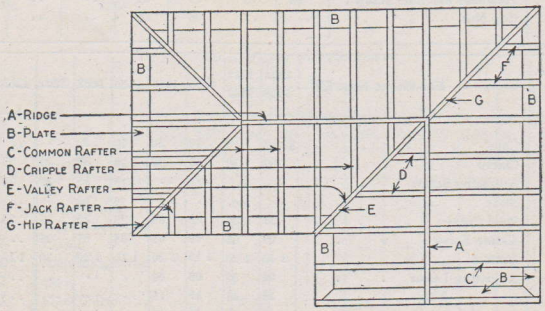
Number of the Part	For Planes Nos. ☞	1306 5306	1307 5307	1316	1317	1606	1607	2204	4206	5206
24	Cam	$0 10	10	10	10	10	10	..	..	..
25	Clamp	30	30	30	30	30	30	20	25	30
26	Adjusting Screw	..	..	..	..	15	15	25	20	25
27	Slide	..	..	..	..	10	10	..	..	..
31	Steel Cutter	25	25	25	25	25	25	15	25	25
35	Clamp Screw	05	05	05	05	05	05	05	..	..
36	Bottom	1 10	1 20	1 10	1 20	1 10	1 20	30	1 10	1 20
37	Adjusting Lever	08	08	08	08	..	..	..	..	..
38	" Nut	15	15	15	15	..	..	..	..	..
39	Lateral Adjustment	15	15	15	15	..	..	..	..	..
40	Mouth Piece	15	15	15	15	15	15	..	..	..
41	Knob	15	15	15	15	15	15	..	..	..
42	Knob Handle	..	..	20	20	..	..	..	..	..
43	Handle Casting	..	..	15	15	..	..	..	..	..
44	" Screw	..	..	05	05	..	..	..	..	..
45	Clamp Set Screw	..	..	..	..	..	..	15	05	05
46	Fillister Head Screw	05	05	05	05	..	..	..	..	..
47	Headless Machine Screw	05	05	05	05	..	..	..	..	..
48	Cog Nut	..	..	05	05	..	..	..	..	..

In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

Roof Frame.

Showing Different Kinds of Rafters.





Plan of the roof frame shown above.

To save time and insure accuracy in laying out this and other roof frames, carpenters should use the Sargent New Framing Squares Nos. 500 R, 501 R, 503 R.

SARGENT

REG. U. S. PAT. OFF.

New Framing Squares.

No. 500 R
No. 501 R
No. 503 R

Give lengths of Common Rafters; Hip, Valley, Jack and Cripple Rafters; also all top, bottom and side cuts.

This Framing Square, to meet the trade demand, has a 1¾ inch tongue to conform to the very general substitution of 3 x 1¾ scantling for 4 x 2, and is still more attractive to the carpenter as a framing square in having our new table (patent applied for) for Hip, Valley and Jack Rafters, in addition to our well-known patented table for common rafters.

Also it has a new table of cuts for the common polygons, and includes the Standard Brace Measure.

No Figuring Required.

It is the only Square made requiring no figuring by the carpenter, saving his time, and also avoiding possible errors, as there are no calculations to make. The required figures are all given in the rafter tables on the Square; they are for ordinary widths of buildings having roofs of common pitches, and have been carefully and accurately prepared.

On the back of the Square is the table for lengths and cuts of Hip, Valley and Jack Rafters.

SARGENT

REG U. S. PAT OFF

Standard Steel Squares.

Quality.

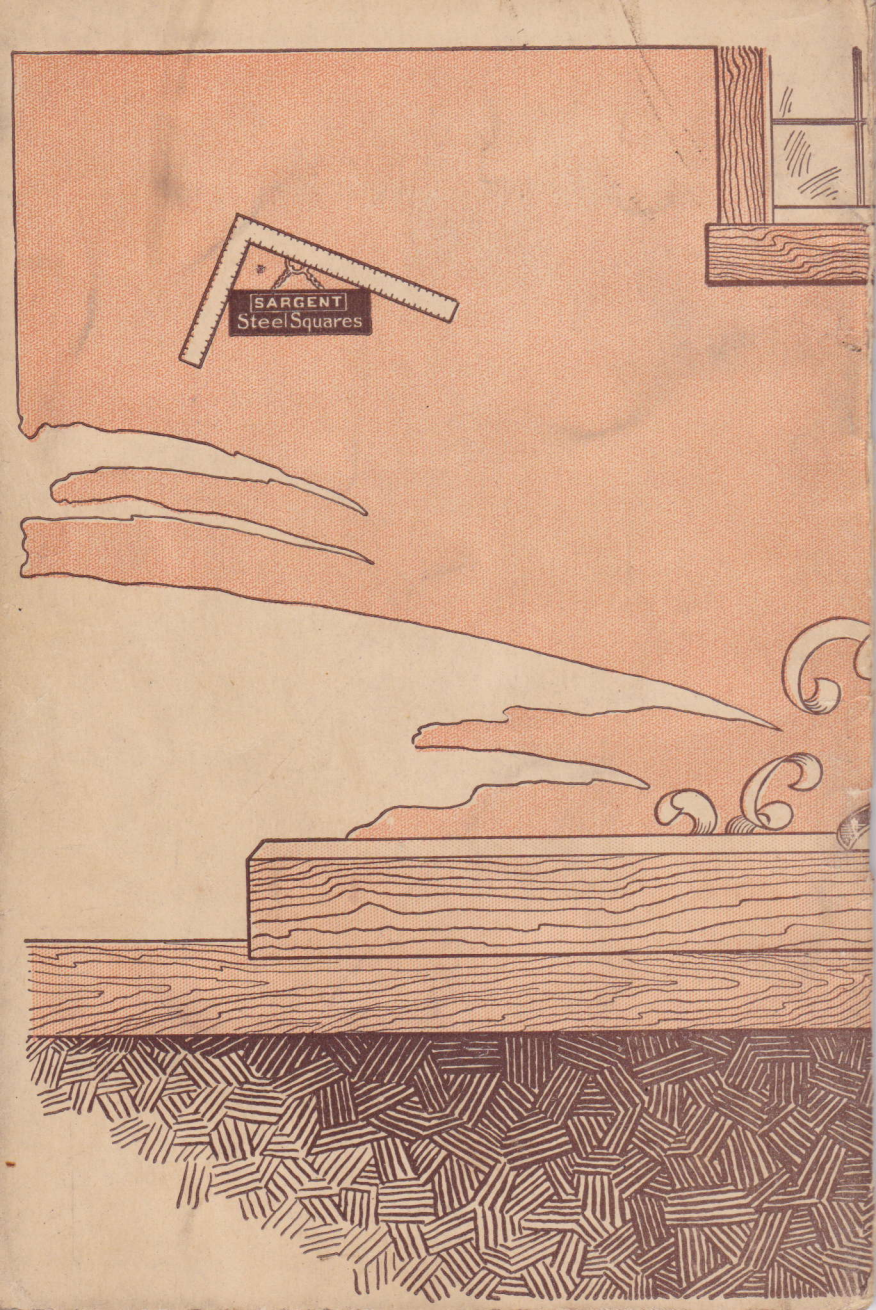
The Sargent Steel Square, standard the world over, is made from high grade tool steel and is carefully tested for trueness and accuracy of marking. The Square is welded at the junction of tongue and body so that the grain of the metal runs with the length on the tongue as well as on the body, instead of across on the tongue as on the single piece Square. On account of this it is more durable and also tapers more evenly.

All genuine **Sargent Standard Steel Squares** are stamped thus:

All Squares bearing these stamps are fully warranted.

How Used.

On construction work of any sort, the Steel Square is invaluable as a tool to insure accuracy in measuring and in determining angles. Owing to the great variety of markings, the Sargent Square is adapted for almost any purpose that a carpenter might require. It is made with every division commonly used, down to 1-100th of an inch. A description of these markings and the uses of the various tables is given in our Steel Square booklet, a copy of which will be sent on request. To prevent rust the Square should be carefully wiped, preferably with an oiled rag, after using.


SARGENT
Steel Squares